

bcs03-2008.ST25
SEQUENCE LISTING

<110> Commonwealth Scientific and Industrial Research Organisation

Bayer BioScience NV

Waterhouse, Peter

Whyard, Steven

Van Rie, Jeroen

<120> Insect resistance using inhibition of gene expression

<130> BCS03-2008 W01

<150> US 60/520,306

<151> 2003-11-17

<160> 12

<170> PatentIn version 3.0

<210> 1

<211> 27

<212> DNA

<213> artificial

<220>

<223> designed degenerate primer

<400> 1

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27

<210> 2

<211> 28

<212> DNA

<213> artificial

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<221> misc_feature

<223> n at 20 is c, g, a or t

<400> 2

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28

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<211> 20

<212> DNA

<213> artificial

<220>

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20

<210> 4

<211> 22

<212> DNA

<213> artificial

<220>

<223> designed degenerate primer

<400> 4

tccatrccyt cwccbacrta cc

22

<210> 5

<211> 279

<212> DNA

<213> Aphis gossypii

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 aagatggaca agaatatgct caagttacca aaatgttggg aaatggacgt ctagaagcaa 120
 tgtgttttga tgggtgtaaga cgactttgtc acattcgagg aaaacttagg aaaaagggtg 180
 ggatcaatca agctgacata gtattgatag gcttacgtga atatcaagat acaaaagccg 240
 atgtaatttt gaaatacacc ccagacgaag ccagaaacc 279

<210> 6

<211> 279

<212> DNA

<213> *Myzus persicae*

<400> 6
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 tgtgctttga tgggtgttaaa cgactttgcc acatacgagg aaaacttagg aaaaagggtat 180
 ggattaatca agctgatata gtattaatag gtttacgtga ataccaagac acaaaagccg 240
 atgtaatttt gaaatacaca ccagacgaag ccagaaacc 279

<210> 7

<211> 638

<212> DNA

<213> *Aphis gossypii*

<220>

<221> misc_feature

<223> n at 591, 592 and 637 is a, c, g or t

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 cccacgtaca cgaacctcaa ccggctgacg gggcagatcg tgctggtccc atcacgggcg 120
 tcgctgcggt tcgacggcgc gctgaacgtc gacctgaccg agttccagac gaacctgggtg 180
 ccgtacccgc gcattcactt cccgctggcc acgtacgcgc cggtcatatc ggccgagaag 240

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gcgtaccacg agcagctgtc cgtggccgaa atcaacccaa cgcgtgcttc gaaccggcca 300
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aagaggacca tcgtgtacgt cgactggtgc ccgaccgggt tcaaggtggg catctactac 480
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tgtccaacac gacggccatc tccgaggcgt gggcccggct cgaccacaag nntgacctga 600
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<210> 8

<211> 628

<212> DNA

<213> *Myzus persicae*

<220>

<221> misc_feature

<223> n at 3, 113, 128, 137, 509, 615, 617, and 627 is a, c, g, or t

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tgtcttnat cacagcntct ctccgtttcg atggtgccct caatgttgac ttgactgaat 180
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gttttgaacc agccaaccaa atgggtgaaat gtgatccacg tcatggcaaa tacatggctt 360
gttgcatgtt gtaccgtggt gatgttgatc ccaaagacgt caacgctgcc attgcttcca 420
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tcaactacca accccaacc gtggtaccng gtgtgacttg gtctaaagta caacgtgctg 540
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<210> 9

<211> 30

<212> DNA

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<213> artificial

<220>

<223> designed primer sequence

<400> 9

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30

<210> 10

<211> 30

<212> DNA

<213> artificial

<220>

<223> designed primer sequence

<400> 10

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30

<210> 11

<211> 408

<212> DNA

<213> Myzus persicae

<400> 11

| | |
|--|-----|
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| agcatcacca agaacgccgt gtaccagtgc aagtacggca acaattgcga aatcgacatg | 120 |
| tacatgaggc ggaagtgccca ggagtgccgg ctgaaaaaat gcctgaccgt cggcatgagg | 180 |
| cctgaatgtg ttgtacctga agttcaatgc gcagtaaaaa gaaaggagaa aaaagctcaa | 240 |
| cgagaaaaag ataaaccaa ttctactaca gacatttctc ctgaaataat aaaaatagaa | 300 |
| cctacagaga tgaagattga atgtggtgaa ccaatgataa tgggcacacc tatgccgact | 360 |
| gtaccttacg tgaaaccttt gagttctgaa caaaaagaac tgatccac . | 408 |

<210> 12

<211> 1173

<212> DNA

<213> Myzus persicae

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<220>

<221> misc_feature

<223> n at 704 is c, g, a, or t

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aagagagcag ctcctttcaa caactggttg gatggtacac gtgaagattt agtggacatg 180
ttcattgtac aactgttga ggaaatccaa ggattgattg atgcacatgg acaatttaag 240
gctactttgt ctgatgctga caaagagtac aactctatca ttggactggg caaagatggt 300
gagtcaactg tacaaaaata ccaatacct ggtggtcttc agaaccgta cactactttg 360
acttctagtg atttaagcaa aaaatggtct gaagtgaac atttagtgcc ccaaagagac 420
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gcggagaagt caaatcaagt gggtccttgg attgagaggc aaatggacgc tgtcacggcc 540
atcggtatgg gattgcagg tctctggaag atcaattgca ccaactgaaa caatttaggg 600
ctactttgtc tgatgctgac aagagtacaa ctctatcatt ggactggtca agatgttgag 660
tcaactgtac aaaaatacca aatacctggt ggtcttcaga accngtacac tactttgact 720
tctagtgatt taagcaaaaa atggtctgaa gtgaaacatt tagtgcccca aagagacacg 780
accctccaag ctgaactcag aaaacaacaa aacaatgaga tgctacgtcg tcaatttgcg 840
gagaagtcaa atcaagtggg tccttggtgatt gagaggcaaa tggacgctgt cacggccatc 900
ggtatgggat tgcaagggtc tctggaagat caattgcacc aactgaaaca atacgaacag 960
aatgtgtttg catacaagcc acatattgag gaattagaga aaatccacca agctgtacaa 1020
gagggtatga tcttcgaaaa caggtatact caatacacia tggagacatt acgtgttgga 1080
tggaacaac tattgacgtc cataaatcgc aatgtgaatg aagtagaaaa ccaaatattg 1140
accagagact ccaaaggcat caccaggag cag 1173

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